

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A tip cap for a syringe for a medicament, the syringe having a tip, said tip cap comprising a base portion having an upper surface and a lower surface, a body having a top wall extending from said upper surface and self-maintained in having a substantially non-circular cross-section in an unstressed condition when viewed at an angle substantially perpendicular to said upper surface, and a shaft extending from said lower surface, said shaft being shaped internally to releasably receive the tip of the syringe, wherein said tip cap defines a continuous ~~and uninterrupted~~ sealing surface which spans the tip of the syringe and is solid throughout so as to continuously ~~seal~~ seal the tip of the syringe and ~~contain~~ contains the medicament within the syringe when said tip is releasably received in said shaft of said tip cap and until said tip cap is removed from said syringe, the medicament within the syringe being accessible through the tip of the syringe with removal of said tip cap.
2. (Original) The tip cap of claim 1, wherein said non-circular cross-section is elliptical.
3. (Withdrawn) The tip cap of claim 1, wherein said non-circular cross-section is oval.
4. (Withdrawn) The tip cap of claim 1, wherein said non-circular cross section is rectangular.

5. (Withdrawn) The tip cap of claim 1, wherein said non-circular section is comprised of a pair of arcuate structures.

6. (Withdrawn) The tip cap of claim 1, wherein said non-circular section is polygonal.

7. (Withdrawn) The tip cap of claim 1, wherein said non-circular section is comprised of a plurality of cylindrical structures arranged around the central axis of said tip cap.

8. (Original) The tip cap of claim 1, wherein said top wall includes a textured surface.

9. (Original) The tip cap of claim 8, wherein said textured surface includes a plurality of ribs.

10. (Withdrawn) The tip cap of claim 8, wherein said textured surface includes a plurality of dimples.

11. (Previously Presented) The tip cap of claim 1, wherein said top surface includes a plurality of ribs.

12. (Original) The tip cap of claim 1, further comprising means for connecting said tip cap to a syringe.

13. (Withdrawn) The tip cap of claim 12, wherein said means for connecting comprises a luer slip connection.

14. (Original) The tip cap of claim 12, wherein said means for connecting comprises a helical thread.

15. (Currently Amended) A syringe assembly comprising:

a syringe having a barrel with an open proximal end and an opposed distal end with a cylindrical wall extending therebetween, and a tip formed at said distal end; and

a tip cap securable to said tip and comprising:

a base portion having an upper surface and a lower surface, a body having a top wall extending from said upper surface and self-maintained in having a substantially non-circular cross-section in an unstressed condition when viewed at an angle substantially perpendicular to upper surface, and a shaft extending from said lower surface, said shaft being shaped internally to releasably receive the tip of the syringe, wherein said tip cap defines a continuous and uninterrupted sealing surface which continuously seals the tip of the syringe and contains the medicament within the syringe when said tip is releasably received in said shaft of said tip cap and until said tip cap is removed from said syringe, the medicament within the syringe being accessible through the tip of the syringe with removal of said tip cap.

16. (Previously Presented) The syringe assembly of claim 15, wherein said non-circular cross-section is elliptical.

17. (Withdrawn) The syringe assembly of claim 15, wherein said non-circular cross-section is oval.

18. (Withdrawn) The syringe assembly of claim 15, wherein said non-circular cross section is rectangular.

19. (Withdrawn) The tip cap of claim 15, wherein said non-circular section is comprised of a pair of arcuate structures.

20. (Withdrawn) The tip cap of claim 15, wherein said non-circular section is polygonal.

21. (Withdrawn) The tip cap of claim 15, wherein said non-circular section is comprised of a plurality of cylindrical structures arranged around the central axis of said tip cap.

22. (Original) The syringe assembly of claim 15, wherein said top wall is at least partially perimetrically disposed on said upper surface.

23. (Previously Presented) The syringe assembly of claim 15, wherein the exterior of said top wall further includes a textured surface.

24. (Original) The syringe assembly of claim 23, wherein said textured surface includes a plurality of ribs.

25. (Withdrawn) The syringe assembly of claim 23, wherein said textured surface includes a plurality of dimples.

26. (Withdrawn) The syringe assembly of claim 23, wherein said textured surface includes a plurality of radially extended flanges.

27. (Withdrawn) The syringe assembly of claim 15, wherein said connection means is a luer slip connection.

28. (Previously Presented) The syringe assembly of claim 31, wherein said connection means is a helical thread.

29. (Withdrawn) The syringe assembly of claim 15, wherein a recessed well extends at least partially through said lower surface of said base portion.

30. (Withdrawn) The syringe assembly of claim 29, wherein, said syringe tip at least partially extends into said well with said tip cap covering said syringe tip of said syringe.

31. (Previously Presented) The syringe assembly of claim 15, wherein said tip cap further comprises connection means for attaching said tip cap to said tip.

32. (Previously Presented) The tip cap of claim 1, wherein said top wall is at least partially perimetrically disposed on said upper surface.

33. – 36. (Cancelled)

37. (Previously Presented) The tip cap of claim 1, wherein said top wall is disposed along major and minor axes, said top wall having faces disposed along said major axis, said faces each having an arcuate profile along said major axis.

38. (Previously Presented) The syringe assembly of claim 15, wherein said top wall is disposed along major and minor axes, said top wall having faces disposed along said major axis, said faces each having an arcuate profile along said major axis.

39. (New) The syringe assembly of claim 15, further comprising a plunger disposed in said barrel for sliding fluid-tight engagement with said cylindrical wall.